PTO/SB/21 (08-03)

ATEN,	& TRADE	HALL			nt and Trader	mark Office	; U.S. DE	th 08/30/2003. OMB 0651-0031 EPARTMENT OF COMMERCE
Under the Par	elwork Rec	duction Act of 1995.	no persons	s are required to respond to a collecti Application Number	on of informa 10/710,539		<u>it disola</u>	vs a valid OMB control number.
TF	RANSI	NITTAL		Filing Date	07/20/2004		<u> </u>	
	FOF	RM		First Named Inventor	Chun-Ming	Cho		
(to be used for	all correspo	ndence after initial :	filing)	Art Unit			· · · · ·	
				Examiner Name			·	
Total Number of	Pages in T	his Submission	16	Attorney Docket Number	REAP0087	'USA	· ·	
		· ·	ENC	LOSURES (Check all tha	it apply)			
Amendme Af Af Af Extension Express A Information Certified C Documen Response Incomplet	Fee Transmittal Form Fee Attached Amendment/Reply After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request			Drawing(s) Licensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Addi Terminal Disclaimer Request for Refund CD, Number of CD(s)	ress	After Allowance communication to Technology Center (TC) Appeal Communication to Board of Appeals and Interferences Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please Identify below):		
		SIGNA	TURE C	OF APPLICANT, ATTORN	IEY, OR	AGENT		
Firm or Individual name Signature	Winsto	on Hsu, Reg. I	No.: 41,	526 Turston	10	11		
Date			<u> </u>	128728001				
		С	ERTIFIC	CATE OF TRANSMISSION	N/MAILIN	IG		
I hereby certify the sufficient postage the date shown be	as first cl	respondence is b	eing facsi	mile transmitted to the USPTO of dressed to: Commissioner for Pa	or deposited	with the U	Jnited S	States Postal Service with ndria, VA 22313-1450 on
Typed or printed	name							
Signature							Date	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

JUL 3. 0 2004 BY

PTO/SB/17 (10-03)
Approved for use through 07/31/2006. OMB 0651-0032
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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$)	0.00	
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C	Complete if Known			
Application Number	10/710,539			
Filing Date	07/20/2004			
First Named Inventor	Chun-Ming Cho			
Examiner Name				
Art Unit				
Attamou Docket No	REAPON87USA			

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					
Check Credit card Money Other None	3. Al	DDITI	ONAL	- FEE	S	
Deposit Account:	<u>Large</u> l	Entity	Small	Entity		
Denosit	Fee Code	,		Fee (\$)	Fee Description	Fee Paid_
Account Number 50-3105	1051	130	2051		Surcharge - late filing fee or oath	
Deposit Account North America Intellectual Property Corp.	1052	50	2052		Surcharge - late provisional filing fee or cover sheet	
Name The Director is authorized to: (check all that apply)	1053	130	1053	130	Non-English specification	
Charge fee(s) indicated below Credit any overpayments	1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
Charge any additional fee(s) or any underpayment of fee(s)	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
Charge fee(s) indicated below, except for the filing fee	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
to the above-identified deposit account.	1251	110	2251	55	Extension for reply within first month	
FEE CALCULATION	1252	420	2252	210		
1. BASIC FILING FEE Large Entity Small Entity	1253	950	2253	- " -	Extension for reply within third month	
Fee Fee Fee Fee Description Fee Paid		1,480	2254	740	•	
Code (\$) Code (\$) 1001 770 2001 385 Utility filing fee	1255	2,010	2255	1,005	Extension for reply within fifth month	
1001 770 2001 385 Utility filing fee	1401	330	2401	165	Notice of Appeal	
1002 340 2002 170 Design litting fee	1402	330	2402		Filing a brief in support of an appeal	
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing	
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 0.00	1452	110	2452	55	Petition to revive - unavoidable	\square
	1453	1,330	2453	665	Petition to revive - unintentional	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,330	2501	665	Utility issue fee (or reissue)	
Ext <u>ra Claims below</u> Fee Paid	1502	480	2502		Design issue fee	\square
Total Claims20** = X =	1503	640	2503		Plant issue fee	
Claims - 3** = X - 3** = Multiple Dependent	1460	130	1460	130	Petitions to the Commissioner	\square
	1807	50	1807	7 50	Processing fee under 37 CFR 1.17(q)	├ ──┤
Large Entity Small Entity Fee Fee Fee Fee Description	1806	180	1806		Submission of Information Disclosure Stmt	\vdash
Code (\$)	8021	40	8021	1 40	Recording each patent assignment per property (times number of properties)	
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3	1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each additional invention to be	
1204 86 2204 43 ** Reissue independent claims over original patent	1801	770	2801	385	examined (37 CFR 1.129(b)) Request for Continued Examination (RCE)	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802		1802			
(0) 0 00	Other	fee (sp	ecify) _			
**or number previously paid, if greater; For Reissues, see above		•	•	Filing F	ee Paid SUBTOTAL (3) (\$) 0.00	
SUBMITTED BY					(Complete (if applicable))	

SUBMITTED BY								(Complete (if applicable))					
Name (Print/Type)	Winston Hsu	/	1		A	Registration No. (Attomey/Agent)	41,526	Telephone	8862892	237350			
Signature		0	10	n	lo	nHa	11	Date		128	100		

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PTO/SB/08B (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Complete if Known Substitute for form 1449B/PTO 10/710,539 **Application Number INFORMATION DISCLOSURE** 07/20/2004 Filing Date Chun-Ming Cho STATEMENT BY APPLICANT **First Named Inventor Group Art Unit Examiner Name** (use as many sheets as necessary) Attorney Docket Number | REAP0087USA of Sheet

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
	1	Konstantinos Nikitopoulos, Andreas Polydoros; "Post-FFT Fine Frame Synchronization for OFDM systems"; National and Capodistrian University of Athens, Dept. of Physics, Electronics Laboratory, 157 84 Panepistimiopolis, Athens, Greece	
	2	Michael Speth, et al.;"Optimum Receiver Design for OFDM-Based Broadband Transmission-Part 2: A Case Study";IEEE Transactions on Communications, Vol. 49, No. 4. April 2001	
	•		
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Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.